

DAAC Site Installation & Test Plans

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Installation & Test Plan - DAACs



(Note: Original site test dates have been pushed back by 2 weeks due to government furlough delays)

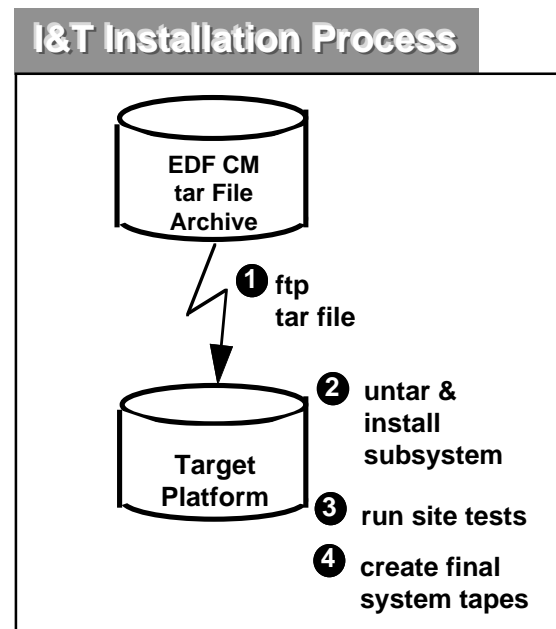
DAAC	I&T Lead	M&O Test Support	M&O Staff	Install Dates	Test Dates	Witnessing
GSFC	Kenny Campbell	Jeff Armstrong	Jeff Armstrong	12/21-26/95	12/26/95-1/5/96	DAAC/ESDIS/IV&V
			Will Johnson		ACTUAL: 1/4-12/96	
LaRC	Jason Watts	Morris Patterson	Morris Patterson	1/2-4/96	1/8-12/96	DAAC / ESDIS
			Robert Nine		ACTUAL: 1/16-25/96	
EDC	Leo Magday	Morris Patterson	Jane Burkard	1/8-10/96	1/15-19/96	DAAC / ESDIS
			Jeff Powell		ACTUAL: 1/22-26/96	
MSFC	Mike Molinet	part of GSFC	Jeff Armstrong	Being Scheduled	Being Scheduled	
			Will Johnson	Power to be installed		
				1/16-19/96		
EDF	Ping-Chieh Chang	Al Ward	Mike Roach	10/4/95-12/21/95	10/4/95-12/21/95	ESDIS & IV&V
			Al Ward			

- DAACs have already been contacted to coordinate access and badges to these facilities by testers and M&O
- Site test schedules have been provided to the DAACs
- Site installations at the DAACs are being coordinated with M&O
- Site test witnessing will be recorded on the Test Log
(sample shown on an earlier chart)

DAAC Site Installs



- Site COTS configurations maintained via M&O prior to CSR
- I&T currently documenting installation procedures
- Upon completion of site testing, final tape baselines will be taken
- Site related configuration issues are tracked via DDTs in the EDF



Tar Files Installed at the DAACs



Subsystem	Baseline (1/3/96)	Patches since 1/3/96
CSS	IR1_CSS_HP_122095.tar.Z	IR1_CSS_SUN5_012396.tar.Z
	IR1_CSS_SGI_122095.tar.Z	
	IR1_CSS_SGI32_122095.tar.Z	
	IR1_CSS_SGI64_122095.tar.Z	
	IR1_CSS_SUN5_122295.tar.Z	
DSS	IR1_DSS_SUN5_122095.tar.Z	
Ingest	IR1_INGEST_SUN5_122095.tar.Z	
MSS	IR1_MSS_HP_112895.tar.Z	IR1_MSS_HP_010596.tar.Z
	IR1_MSS_SGI_112895.tar.Z	IR1_MSS_HP_011196.tar.Z
	IR1_MSS_SUN5_112895.tar.Z	IR1_MSS_SGI_011196.tar.Z
		IR1_MSS_SUN5_011196.tar.Z
PDPS	IR1_PDPS_AIT_SGI_122995.tar.Z	IR1_PDPS_AIT_SGI_010596.tar.Z
	IR1_PDPS_AIT_SUN5_122995.tar.Z	IR1_PDPS_AIT_SUN5_010596.tar.Z
		IR1_PDPS_AIT_SGI_011096.tar.Z
		IR1_PDPS_AIT_SUN5_011096.tar.Z
		IR1_PDPS_AIT_SGI_012596.tar.Z
		IR1_PDPS_AIT_SUN5_012596.tar.Z
		IR1_PDPS_AIT_SGI_012696.tar.Z
		IR1_PDPS_AIT_SUN5_012696.tar.Z
Toolkit	HDF3.3r4.tar.Z	
	IR1_TOOLKIT_110995-AAdata.tar.Z	
	IR1_TOOLKIT_122995.tar.Z	

Planned DAAC Site Tests



Functional Area	Section ID	Test Case ID	Revised	Functional Area	Section ID	Test Case ID	Revised
Inter-Site Communications and Interfaces				System Administration			
(from Final 322/414)				(from Final 322/414)			
Ingest	4.12.1	BS002.001		Access	4.4.5	T01-02.02.02	
	4.12.2	BS002.002			4.4.6	T01-02.02.03	
	4.12.5	BS002.005			4.4.8	BC002.002	
Data Server	4.11.3	TS006.003	✓	SSIT Tools			
	4.11.4	TS006.004	✓	CM	4.13.1	T03-01.01.01	✓
CSS (ftp, e-mail, BB, rcv)	4.2.2	BC012.004			4.13.2	T03-01.02.01	✓
	4.2.7	TC010.002			4.13.3	T03-01.04.01	✓
	4.2.9	TC010.003		Code Standard Checking	4.5.5	TS002.006	
	4.2.15	T01-02.04.01		DAAC Toolkit	4.6.3	TS001.003	✓
	4.2.16	T01-02.04.02		Load Testing			
	4.2.18	T01-02.04.04		Processing & Scheduling	4.13.4	B03.10.01	✓
	4.2.19	T01-02.04.05			4.13.5	B03.10.02	✓
	4.2.20	T01-02.04.06			4.13.6	B03.10.03	✓
	4.2.22	T01-02.04.08			4.13.7	B03.10.04	✓
	4.2.23	TC009.003			4.13.8	B03.10.05	✓
	4.2.26	B01.07.01			4.13.9	B03.10.06	✓
System Monitoring					4.13.10	B03.10.07	✓
HPOV	4.3.13	TC014.002			4.8.3	BS001.003	✓
	4.3.26	T04-01.05.01	✓		4.8.4	BS001.004	✓
Security	4.1.11	B01.01.02		Remote AI&T Access	4.8.27	BS001.005	✓
	4.1.17	T01-02.02.01			4.8.10	B03.07.04	✓
Fault Isolation	4.13.11	B03.11.01	✓	Inspection			
	4.13.12	B03.11.02	✓	System Inspection	4.1.1	TC017.001	
	4.13.13	B03.11.03	✓				
	4.13.14	B03.11.04	✓				
	4.2.28	T01-02.05.07					
Reports & Event Logs	4.3.19	BC016.003		TOTAL SITE TESTS	49		
	4.3.9	TC013.003					
	4.3.11	TC013.005					

Ir1 NCR Summary - Site Testing



Total Problems by Severity

Severity 1	5 (12%)
Severity 2	7 (17%)
Severity 3	18 (43%)
Severity 4	9 (21%)
Severity 5	3 (7%)
TOTAL	42

Report Date: 1/31/96 12:32

Unresolved Problems

Severity 1	1
Severity 2	3
Severity 3	12
Severity 4	3
Severity 5	0
TOTAL	19

Report Date: 1/31/96 12:32

Total Problems by State

New	0 (0%)
Assign-Eval	18 (43%)
Assign-Fix	1 (2%)
Fixed	2 (5%)
Assign-Verify	4 (10%)
Verified	0 (0%)
Closed	16 (38%)
Duplicate	1 (2%)
TOTAL	42

Report Date: 1/31/96 12:32

Open Site NCR Issues



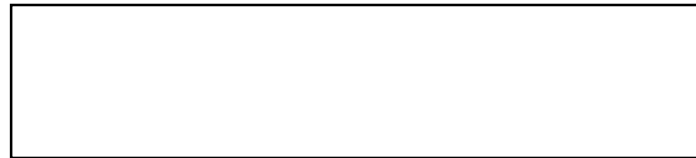
- **Total Open NCRs:** 19

- **Severity 1**

- NCR #1634

- **Severity 2**

- NCR #1615
 - NCR #1623
 - NCR #1631



NCR #1634



Bug ECSed01634 Deployed_Sys Submitted 960129
Project ID: Deployed_Sys-00026PDPS/DPR submission, vers Assigned-Eval 960131
ASSIGNED-FIX defect report 2 enclosures Assigned-Fix 960131
SHOWSTOPPER Page 1/2
"DpAtRunProfile.sh, DpAtEnv.csh set EDF-specific values"

DETECTION INFORMATION

Detection method[*]: functional test LABORATORY INFORMATION
Detected in phase[*]: operations test Evaluate engineer: asiyyid
Test program name: Phone number/E-mail: 0579
Test system: SGI/spr1sgisfc Date eval is due:
Version of OS: 6.1 Assigned To: asiyyid
Problem severity (1 = Showstopper)[*]: 1 Phone/E-mail: 0579
Affects segment: Affects segment:
Affects subsystem: Subsystem[*]: Processing CSCI
Need fix by: Problem type[*]: configuration
Related CCR #: Recommended change[*]: configuration
Found in release: Phase problem caused[*]: implementation

SUBMITTER INFORMATION

Analysis time (hrs): 2
Submitter: Corey Boettcher (ARC) Est. fix time (hrs): 4
Organization: HAIS Fix due date: 960131
Phone number: 301-925-0751
Address: cboettch@triton

Bug ECSed01634 Deployed_Sys
Project ID: Deployed_Sys-00026
ASSIGNED-FIX defect report
Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Inspection of the files /lr1_IT/AI_T/bin/sgi/DpAtRunProfile.sh and /lr1_IT/AI_T/bin/sun5/DpAtEnv.csh show that environment variables that need to be site-specific were being set to EDF-specific values. This affects the contents of both the SGI and Sun5 tar files for the lr1 PDPS build. These problems could be fixed by either making the delivery tar files site-specific or by supplying site-specific scripts (e.g. lr1_setup_gsfc, etc.) that reset the necessary environment variables.

DpAtRunProfile.sh is automatically run when a DPR is submitted from the Sun to the SGI. DpAtEnv.csh needs to be sourced before the PDPS PGE registration and DPR submission GUIs can be executed. Below is a list of the EDF-specific settings found.

DpAtRunProfile.sh

=====

DSQUERY should not be nickalus_svr
PGSHOME should not be set to pathname /vol1/...
HDFHOME should not be set to pathname /data4/...
PATH should not be set to include /vol1/...

DpAtEnv.csh

=====

DSQUERY should not be nickalus_svr
AUTOSERV should not be A31
DPAT_PGS_SHELL_PATH should not be set to pathname /vol1/...

***** evaluation (Added 960131 by asiyyid) *****

Solution to this problem is to ask the installer at install time to enter the names for the lr1_pdps and autosys data servers on both the sgi and the sun5 machines. On the sun5 machines the installer would also be required to enter the path to daac TOOLKIT bin directory on the site-specific sgi science processor machine.

***** History *****

xddts 960129 140524 Submitted to Deployed_Sys by cboettch@triton
xddts 960129 141516 Enclosure "Problem" added by cboettch
xddts 960130 095436 Fields modified by cboettch
xddts 960130 095615 N -> A (Assigned-Eval to asiyyid) by cboettch
xddts 960130 100425 Enclosure "Problem" edited by cboettch
xddts 960130 101843 Enclosure "Problem" edited by cboettch
xddts 960131 103614 A -> A (Assigned-Eval to asiyyid) by asiyyid
xddts 960131 103801 A -> O by asiyyid
xddts 960131 105425 Enclosure "evaluation" added by asiyyid

NCR #1615



Bug ECSed01615 Deployed_Sys Submitted 960119
Project ID: Deployed_Sys-00010Wabi, version Ir1 Assigned-Eval 960119
ASSIGNED-EVAL defect report 1 enclosure
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"Errors with Wabi when editing files and then saving them."

DETECTION INFORMATION

Detection method[*]: system test LABORATORY INFORMATION
Detected in phase[*]: system I&T Evaluate engineer: craigj
Test program name: Phone number/E-mail: 0718
Test system: ait2sunlarc Date eval is due: 960123

Version of OS: Solaris 2.4

Problem severity (1 = Showstopper)[*]: 2

Affects segment:

Affects subsystem:

Need fix by:

Related CCR #:

Found in release: Ir1

SUBMITTER INFORMATION

Submitter: Darrell Hickman

Organization: HAIS

Phone number: 0783

Address: dhickman@triton

Bug ECSed01615 Deployed_Sys

Project ID: Deployed_Sys-00010

ASSIGNED-EVAL defect report

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When you edit a file in Wabi and you enter save on a file that was save before the Wabi system will hang. The user must terminate the Wabi task from a HP term window. This is not a problem when you save a file for the first time or enter save as. This happened on the ait2sunlarc at Larc.

***** History *****

xddts 960119 114129 Submitted to Deployed_Sys by dhickman@triton
xddts 960119 115053 Enclosure "Problem" added by dhickman
xddts 960119 122045 N -> A (Assigned-Eval to craigj) by dhickman

NCR #1623



Bug ECSed01623 Deployed_Sys Submitted 960124
Project ID: Deployed_Sys-00016Autosys, version Ir1 Assigned-Eval 960130
ASSIGNED-EVAL defect report 1 enclosure
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"Autosys doesn't recognize processing system fault."

DETECTION INFORMATION

Detection method[*]: system test LABORATORY INFORMATION
Detected in phase[*]: system I&T Evaluate engineer: Imoses
Test program name: TC7.14 Phone number/E-mail: Imoses
Test system: SGI/PC Date eval is due: 960130

Version of OS: IRIX 6.1

Problem severity (1 = Showstopper)[*]: 2

Affects segment:

Affects subsystem:

Need fix by: 960125

Related CCR #:

Found in release: Ir1

SUBMITTER INFORMATION

Submitter: Jason Watts

Organization: HAIS

Phone number: 0528

Address: jwatts@triton

Bug ECSed01623 Deployed_Sys

Project ID: Deployed_Sys-00016

ASSIGNED-EVAL defect report

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Test scenario:

1. Start Autosys on ait1sunlarc
2. Execute a simple job on the science processor (spr1sgilarc)
('simple job' is a C-shell script with sleep statement)
3. Shutdown the science processor

(Autosys should recognize that the process/machine is down)

Instead, Autosys continued to state that the job was 'RUNNING' while the science proc. was down and brought back up.

***** History *****

xddts 960124 090047 Submitted to Deployed_Sys by jwatts@triton
xddts 960124 090709 Enclosure "Problem" added by jwatts
xddts 960124 090802 N -> A (Assigned-Eval to stackley) by jwatts
xddts 960130 101831 A -> A (Assigned-Eval to asiyyid) by toma
xddts 960130 114546 A -> A (Assigned-Eval to Imoses) by nvazarka

NCR #1631



Bug ECSed01631 Deployed_Sys Submitted 960125
Project ID: Deployed_Sys-00023 Sybase, version 0 Assigned-Eval 960130
ASSIGNED-EVAL defect report 1 enclosures
SHOWSTOPPER Page 1/2

"Sybase tables must be moved"

DETECTION INFORMATION

Detection method[*]: customer use LABORATORY INFORMATION

Detected in phase[*]: installation Evaluate engineer: nvazarka

Test program name: Phone number/E-mail: 0406

Test system: Date eval is due:

Version of OS:

Problem severity (1 = Showstopper)[*]: 2

Affects segment:

Affects subsystem:

Need fix by:

Related CCR #:

Found in release:

SUBMITTER INFORMATION

Submitter: Jeff Powell

Organization: EDC

Phone number: 605-594-6837

Address: powell @triton

Bug ECSed01631 Deployed_Sys

Project ID: Deployed_Sys-00023

ASSIGNED-EVAL defect report

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***** CR_Description (Added 960125 by vharihar) *****

In order to do ASTER performance benchmark testing by Moshe Pniel from the Aster Science Project the Sybase tables must be moved from AIT3SUNEDC to MSS1SUNEDC.

Contact Person: John Daucsavage 605-594-6816

jdaucs@ecs-hp1.cr.usgs.gov

***** History *****

bugs 960125 153528 Submitted to Deployed_Sys by vharihar@newsroom

xddts 960130 110239 N -> A (Assigned-Eval to nvazarka) by nvazarka

Site Tests Outstanding

